

4000 BC

use of sail in Egypt

4000 BC

Some of the earliest WHEELS found
were used in Sumerian
war chariots

4000 BC

Intensified procurement of high quality flint from mines (western and northern Europe)

Jade imported from 3 000 kilometers away, used for ornaments and weapons in China

4000 BC

For today, Bulgaria is El Dorado, a rare type of buried treasure where graves have harbored gold since at least 4000 BC (from ancient Thracians)

Thracians, Moundmen, Greeks, Romans, Persians, Slavs, Bulgars, Byzantines, and Turks all made their mark.

407 BC

Enriched gold objects buried
in Bulgaria by ancient Thracians
Their history has been lost

They fought in Trojan war
against the Greeks

4000BC

First pottery in Americas from
the Amazon Basin (Burgana);
a little later in Colombia and
on the Ecuador Coast

4000 B.C.

Indo-European language
probably began in
the Southern Steppes
of Russia around
4000 B.C. and then
spread westward
to most of Europe
and eastward to Iran
and India

4000 BC

Mesopotamia

Farmers build irrigation
ditches to control river
floods

4000 BC → 3000 BC

From 4000 BC → 3000 BC the Sahara
was rich grassland

Tribes painted their cattle
grazing.

Still later paintings showed
war chariots, Nile boats, comets
and bearded warriors with
shields and spears
The last tribes left about 2000

new or very old trees and shrubs
dominate

c 4000 B.C.

Babylonian astronomy began

c 4000 BC

Egyptians began to keep records
of important events.
Ancient history lasts from
4000 BC to c 500 A.D.

4070 BC

About the yr 4070 BC, 5 supplementary days were added to the Egyptian Cal. at the end of each yr.

This cal. was still used by

Copernicus in the 16th Century A.D.

It was a scale of unvarying length (no intercalations)
the Solaric period is $(4)(365.25) = 146$ yrs

C 4000 BC

Ancient Egyptians, Greeks, and Romans had 24-hr day, but they divided it into 10 hours of light, 10 hours of dark, and 1 hr ea. of dawn & dusk (the twilight hours) which meant that the lengths of the hours depended on the seasons and whether day or night.

• 20200209 07'98 = hop 2020 more 1

• 20200209 09 = more 2020 2d 1

• more 2020 2d 09 = more 2020 2d 1

more 2020 more ^(2d) 10 = hop 2020 more 1

4008bC

Cheese was being made
grapes, oranges and watermelon
were raised

c4000 BC

The Egyptians amended their Cal (See 8000 BC), added 5 days to their 360 day cal.

This Cal. still lost a day every few years, but it was an improvement.

4000 BC

China

The weaving of hemp began
in 4000 BC ±.

4000 BC

Began the Iron Age

Iron Age began c 1000 BC

4000 BC

Self-propelled boats used
in Egypt.

4000 BC → 1250 BC

CHALDEANS were a mixed race
of Sumerians and Semites

Sumerians settled before 4000 BC
and Semites arrived about
4000 BC

The founder was NIMROD
but early history is obscure.
Chief cities were UR, ACCAD, ERECH &

CAL MEL

4000BC

Humans domesticated & rode horses about 4000 BC.

There are historical depictions (4000BC) showing horses used by military cavalry.

But now a site in the Soviet Ukraine yielded a horse bone fair distinctly showing premaxillary teeth (underscoring micro-

→ you) upon view their
jazz writing in words you
are in some measure
forced to use if
you have large words but
the first time

4000 BC

Sumerian language origin

4000BC

Among the earliest known
people in China, the YANG-SHAN
domesticated dog, pig, and
perhaps cattle & horses

4000 BC

Self-propelled boats used in
Egypt.

c 4000 BC

Olives & oil production began
in Syria, Turkey (near Aegean Sea)
Lebanon, Israel

4500 BC

Transition from Neolithic
to Bronze Age or Copper Bronze age
began in near east

c4000 BC

Early Egypt comprised two kingdoms: Lower Egypt centered in the Nile Delta with its Capital at BUTO, and Upper Egypt extending to the First Cataract with its Capital at HIERAKONPOLIS.

Archaeology reveals cultivation of wheat, weaving, and pottery making; metalworking appeared late. Grew goods in early

- Individual ascetic withdrawal

4000 BC

Mesopotamia

Not long after 4000 BC, an expansion took place into riverine southern Mesopotamia; the villages grew into temple-towns with markets

4000 BC

The transition from hunting
& gathering in Britain to
agriculture (NEOLITHIC period)
began in 4000 BC ±

c14000 BC

Duncan:Cal

Nilemeters and Early Cal's
in Egypt

c 4000BC

Duncan:Cal

DuncCal 1998

Almost 6,000 yrs ago, when the people living along the Nile figured out the solar year was very close to 365 days. This led to a calendar of 12 months of 30 days each and an additional 5 days that Egyptian mythology says were added to the year by the God Thoth. These became the birthdays.

of series, this is set up, and

4000 BC

Mar/Apr 1996

Pg 44 Civilization 3/4 '96

Cavalli-Sforza believes a second genetic invasion of Europe around 4000 BC - this time from steppes of Central Asia. He says gene pool spreads out from the area north of the Black sea like ripples in a pond.

He connects this with domesticated horse; bronze weapons; and the

ambres, modernz whom we
not easy off rising power
very domestic modernz - epif

4000 BC

1912 Dates J-BK

Some parts of "Book of Dead" were written, though the greater part was written 1000 yrs later.

Kenq ATITOT HIS, also a physician,
wrote anatomical works

Conclusion

The earliest Col of Egyptians as all
Ancient people were latter, going back
into prehistoric times

~~4000BC~~

They kept digging down in VR.
they found clay - a layer 10 ft
deep! this was the FLOOD
there was Stone Age rubble below
this

4000 BC
c 3000 BC

(A)

Epic of Gilgamesh

Written in Akkadian language of court
and diplomacy in the time of King
ASHURBANIPAL

Its form, however, dates from the time
of Hammurabi, the Great King of Babylon.
Babylonians & Egyptians translated it into their
own tongue and cuneiform tablets discovered
by the Nile still show clearly the marks in red
ink opposite those parts which the Egyptian scribes

The world comes from different
backgrounds and cultures. The
world is composed of people from
different backgrounds and cultures.
The world is composed of people from
different backgrounds and cultures.

4000 BC
3000 BC

(B)

EPIC OF GILGAMESH (Cont'd from A)

thy house, build a ship; abandon wealth,
seek after life; scorn possessions, save thy
life. Bring up the seed of all kinds of living
things into the ship: the ship which thou
shalt build. Let its dimensions be well
measured. UT NAPISHTIM says: On the 5th
day I decided upon its plan. The floor was 300 ft sq.
the walls were 200 ft hi. I gave it six stories
and divided the breadth seven leons. The

survive, & disturbed such a. ^(see 2) the power of the law

found, in the heat of the field, all cut down. ^(see C)
merely from a blunder. The cattle by the
other hand, of course, scatter the drivers
and their horses, so that this road is all
over the field, & ready, so that it can
make. Then the carts come;

all, and some of the people who have
left the road to follow the dispersed "cattle," the
piled horses, and mules, & those who have
left, have obtained a number from the road. The
law, ^(see 2) which prohibits such conduct, is not enforced.

4000 BC
c 3000 BC

(C)

Epic of Gilgamesh

I went into my ship and closed my door.
As soon as a gleam of dawn shone in thy sky,
came a black cloud from the foundation of
heaven. Inside it ADAD thundered, ADAD's
rage reached to the heavens: turning all light
to darkness. The gods of mesopotamia are
terrified by the Flood and flee to the upper
reaches of heaven where the god ANU has his
abode. Before they enter "they crouch down

(See D) *for full answer*
A sonnet is "a poem of ten lines; the opening and closing lines
which are rhymed always; the second and fourth lines
rhyme, the second and fifth lines, the eighth and tenth lines
rhyme, the second and ninth lines, the tenth line
rhymes with the first line." The first four lines
are called the octave, the next four lines, the sextet.

4000BC

(D)

EPIC OF GILGAMESH

UTAPISHTIM tells a horrified Gilgamesh what happened when the disaster was over:
I opened the window and the light fell on my face. The ship lay upon Mt. NISIR. Mount NISIR held the ship and allowed it not to move.

(Old Babylonian cuneiform texts describe where Mt. Neir is to be found. It lies between the Tigris and lower reaches of the river EAB when

The world and myself were
kindred souls we always found
ourselves in the + 16815.
(A little wear from the process)
You could see a drift a mile long
& all kinds of mineral
specimens.

4000 BC

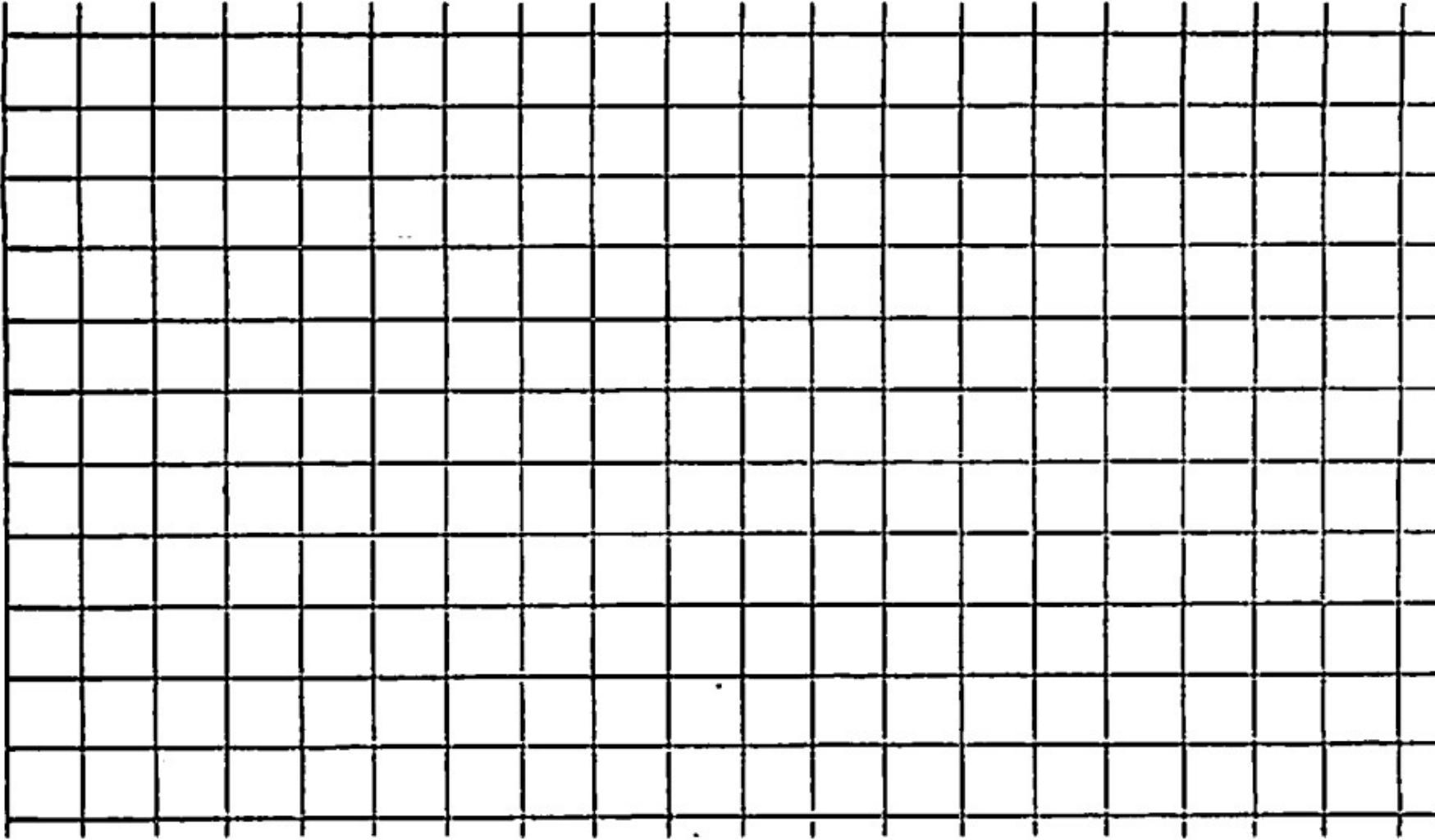
settlers from Anatolia (4000 BC)
reached the British Isles.

6000 yrs ago \Rightarrow 5000 yrs ago 4000BC

Corn has been found in storage pits
lined with basketwork in the F.A.P.V.
and in passages below the Pyramids

4000 - 3501 BC

Sumerean city of UR is
founded in Mesopotamia



4000 BC WILSON

BADARIAN Culture (Egypt)
appears

1912 Dates J-BK

c 3998 BC

Egypt

Snefru, 1st king of 4th Dynasty
built a temple and pyramid
at MEDEM, forty miles south
of Cairo

3998 → 3721BC

1912 Dates J-BA

Final Assembly
4998

3969 → 3784 BC

1912 Dates J-BK

The three great pyramids were
constructed from 3969 to 3784 BC

Kufu (or Cheops)

S Chafra (or Khefren)

Menkaur (or Mycerinus)

They are accurately oriented
North - South

Mar. 18, 3952 BC

Duncan; Cal

The Monk

Bede studied passages in the Bible and somehow came up with a specific day that he believed God began forming the sky, earth, and water:

Mar. 18, 3952 BC

~~3950 BC~~ → 2750BC
~~c 3000BC~~ → c 1650BC

Stonehenge was constructed,
deconstructed, and reconstructed
over a period of some 2000 years.
First came the ditch and bank structures
containing the 56 AUBREY Holes & the
solaria gallery (what archaeologists
call Stonehenge I). There were 4 stages.
Stonehenge was erected by several

months to beginning of new people 80/805

3946 BC

One Christian's date for the
creation.

C 3900 BC

Duncan; Cal

Early Solar Cal. (Egypt)

1912 Dates J-BK

C 3900 BC

Egypt

KHUFU (or KHEOPS) 2nd king of
4th Dynasty, built the pyramid
at Gizeh.

Alabaster quarry was opened
near TEL-EL-ANTARNA

C 4000 BC

The Egyptians were probably the first people to adopt a predominantly solar Cal. They noted that Sirius, reappeared in the eastern sky just before sunrise, after several months of invisibility. They also noted that the annual flood of the Nile R came soon after Sirius reappeared. They used this event to fix their Cal., and came to recognize a year of 365 days, made up of 12 mo.

first to go to the chop shop and an extra destination to go to the chop shop as well as the chop shop. The chop shop was found to be the best place to go to for the chop shop.

4000 BC

In Egypt the calendar which had been used since 8000 BC was changed by adding 5 more days, making the year 365 days long. There was no intercalation. Constituted a scale of unvarying length.

It the Greek astronomers and was still used by COPERNICUS

in the 16th century AD.

c 4000 BC

In Mesopotamia, the upper
region was AKKAD; (Semites)
(the lower) was known as SUMER
(cuneiform)

Each city had its own king

4000 BC

Peoples engaged in agriculture
were already settled in Delta
Egypt & in Upper Egypt (& the
desert).

there was a considerable Semitic
mixing in the Delta Region

4000 BC

Before 4000 BC, the predynastic peoples of Upper Egypt had already developed a strong belief in burying their surplus wealth with them, in strong contrast to their neighbors in the Delta whose graves contain scarcely any material.

4078bc

Sumerians are in Babylonia
Cuneiform writing in use.

4000 BC

On the tiny island of Malta
massive megaliths are the oldest
freestanding stone monuments.
It is smallest of European nations
3 small islands add up to 123 ~~BC~~
square miles. (375,000 inhabitants)
Elaborate complex surrounded
by massive external rock wall
Some boulders weigh up to 20 tons

spare my breath after we got to town
yester'day: however our way in - as
was off by roads

July 30th 1902
Dear Mother

C4070BC

5 extra days were added to
the Egyptian Cal of 12 months of
30 days each that had
been in use since 8000BC(?)

4000 BC to 2000 BC

The Sahara was rich grassland.

Moors C

Perhaps the perennial TEOSINTE
was hybrid with a primitive
popcorn.

4000 BC
6,000 yrs ago

Earliest evidence of humans
in Americas.

4000 BC

Irrigation system in Sumeria was built before 4000 BC., one of the greater achievements of Sumerian civilization.

4000 BC

Egypt

By this date copper tools and
hieroglyphic writing were in use.

HOTSE

Egypt
Copper hydroxyphosphate ore in
use

4000BC

A general rise in ocean levels
finally settled separated Great Britain
from the continent

c4000 BC

CELT

Establishment of the first large stone groves in the lands on the Atlantic seaboard.

4000 BC

Woolly sheep

c4000 - 450BC

MEGIDDO ancient fortified city
overlooking plain of Esdraelon,
has been inhabited from about 4000 BC
to 450BC

4000bc

Erdos points to the domestication of
the horse in central Asia at least
by 4000bc

HottBC

Wine (grape)

C 4000 BC

Horses were domesticated.

6000 ya = 4000 BC

In China a system of writing
can be traced back for more
than 6,000 yrs

4000 BC

Early Americans

Egyptian Cal.

5 supplementary days were added
to bring total to 365 days

This was a vague year.

This was used by Greek Astronomers
and by COPERNICUS in 16th Cen. A.D.

Cal. was divided into 3 seasons

84 mos ex.

470 BC

sites of future royal cities
of ENDU, URUK, NIPPUR, and
LARSU already occupied.

C4000 BC

Luxuriously decorated pottery dates
from c4000 BC has been found
in ANATOLIA & HACILAR and
in ASSYRIA at AR PACHI YAH

c4000bc

The site of Babylon was settled
by Sumerians by c4000bc

c 4000 BC

The Nile cultivars were based
on farming villages c 4000 BC

c 4000 BC

The Sumerians developed pictographic script by 4000 BC

c 4000 B.C.

Egyptian civilization.
Early agricultural community
with knowledge of writing,
government, art and science
arose in the Nile River
valley.

6000 yrs ago = 4000 BC

Semitic - tongueed Semites broke out from their region of origin around 6000 yrs ago (4000 BC), and climatic disruptions due to a sharp worldwide cooling 5800 yrs ago (3800 BC) may have accelerated their migrations.

6000 yrs ago = 4070 BC

Someone, clouning perhaps, hitched a horse to an ox and invented the plow; thus, animal energy augmented human muscle power. The plow was shared by the Sumerians, inhabitants of southern Mesopotamia who made distinctive ceramics using the potters wheel and who began developing the first highly urbanized culture 6000 yrs ago (4070 BC). The breeding of mutant woolly sheep had a new result

the first time I have seen a specimen of the species. The
specimen was collected by Mr. J. C. Merriam at
the head of the San Joaquin River, California, in
1875. It is a large, robust, hairy, reddish-brown
insect, with a very long, slender, pointed abdomen.
The wings are transparent, with a few small dark
spots near the base. The body is covered with
long, coarse hairs, particularly on the head and
abdomen. The antennae are long and slender,
with several distinct segments. The legs are
powerfully built, with strong claws. The wings
are broad and triangular, with a distinct venation.
The body is elongated and slightly curved, with a
distinct abdominal segment. The head is broad
and flat, with large eyes and a prominent mouthpart.
The antennae are long and slender, with several
distinct segments. The legs are powerfully built,
with strong claws. The wings are broad and
triangular, with a distinct venation. The body is
elongated and slightly curved, with a distinct
abdominal segment. The head is broad and flat,
with large eyes and a prominent mouthpart.

c 4000 BC

city of BYBLOS founded.

4000 BC

Wheel-thrown pottery - mesopotamia

4000 BC

Early Bronze Age

4000 BC

Silkworm domesticated.

4003 B C

Tell Halaf and al'Ubaid cultures
were settling Mesopotamia.

~~4000 BC~~
~~6,000 years ago~~

Post glacial rise in sea
level ends

457 BC

In southwestern Asia, the Early Bronze Age markedly began.

4 000 BC

Animal muscle for energy
northern Mesopotamia

c 4000 B.C.

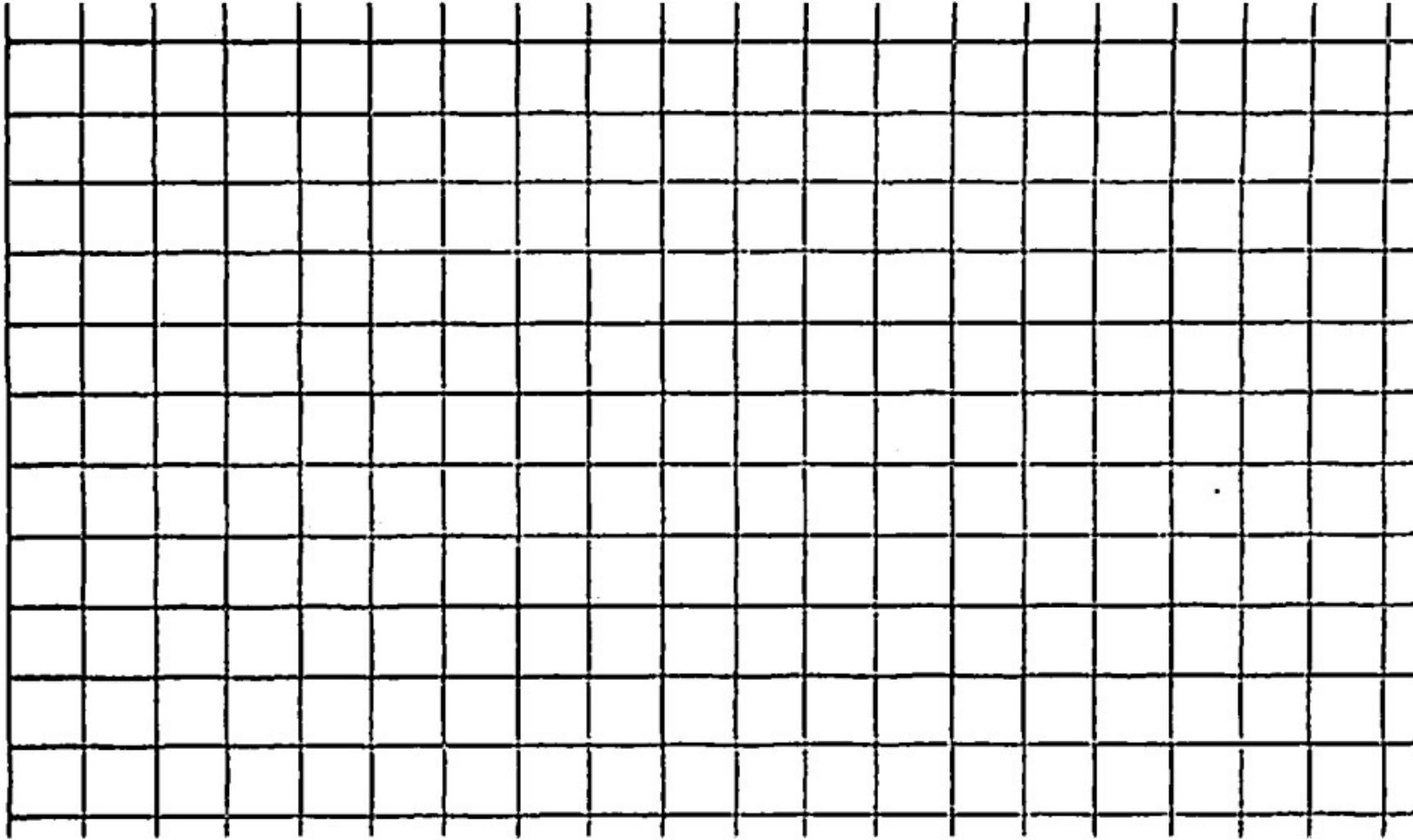
Mesopotamia

"cradle of Civilization"

where supposedly arose the first
Agricultural communities.

4070 - 3500

According to MARINA LIMBUTAS,
horsemen from the KURGAN culture
of southern Russia migrate
to east central Europe bringing
the Indo-European language
and male gods displacing the
"Old Europeans"



4000 BC

YANG-SHAO rice forming
culture in China

Lower Palaeolithic Age lasted 75,000 yrs.

The Upper Palaeolithic 15,000 yrs.

The Neolithic lasted (In Europe) 6000

while the Bronze Age, in some areas
endured only about 1000 yrs before
it was succeeded by the Age of Iron.

